

Notice of Allowability

Application No.

10/069,831

Examiner

Kyung H. Shin

Applicant(s)

SATO ET AL.

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/30/06.
2. ☒ The allowed claim(s) is/are 27 - 34, 36, 37, 39 - 47.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 7/19/2006.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DAVID WILEY

PERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/30/06 has been entered.

2. Claims **27 – 34, 36, 37, 39 - 47** are pending. Claims **1 - 26** was canceled. Claims **43 - 47** have been added. Amended claims are **27 –30, 33, 34, 36, 37, 38, 39** and **42**. Claims **35, 38** have been canceled. Independent claims are **27, 33, 34, 42** and they are allowed.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

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Authorization for this examiner's amendment was given in a telephone interview with Sanders N. Hillis, PE; Attorney Reg. No. 45,712 at 317-636-0886 on 7/7 and 7/19/2006.

4. The application has been amended as follows:

In Claims 33, 34, 36, 38, 39, and 42:

33. (Currently Amended) A method of enabling a communication terminal to receive communication services via a network, the method comprising:

a communication terminal requesting, via a communication device connected to the communication terminal, a set of communication parameters for use in communication software stored on the communication terminal, wherein the set of communication parameters are requested from a server,

notifying the server of an identifier of the communication software and an identifier allotted to the communication device,

the server extracting from a plurality of communication parameters, each of which is stored in association with one of an identifier of a communication device or an identifier of communication software, those communication parameters stored in association with the notified identifier of the communication software and the notified identifier allotted to the communication device, wherein the communication parameters comprise individual user specific identification information of a user of the mobile phone, and communication software configuration values,

transmitting the extracted communication parameters from the server to the communication terminal,

receiving the communication parameters transmitted from the server at the communication terminal via the communication device, and

writing the received communication parameters into the communication software stored in the communication terminal in order to configure the communication software to enable receipt by the communication terminal of communication services via a network.

34. (Currently Amended) A server for enabling a communication terminal to receive communication services via a network, the server comprising:

a storing unit configured to store a plurality of combinations of a first communication parameter and a telephone number of a mobile phone, and a plurality of combinations of a second communication parameter and a software identifier indicative of communication software configurable in a communication terminal to enable communication over a network,

a receiving unit configured to receive from a communication terminal a request for a plurality of communication parameters, a software identifier of communication software stored in the communication terminal, and a telephone number allotted to a mobile phone to be used by the communication terminal to transmit the request,

an extracting unit configured to extract from the storing unit a first communication parameter corresponding to the telephone number received by the receiving unit, and a second communication parameter corresponding to the software identifier received by the receiving unit, wherein the first communication parameter comprises individual user specific identification information of a user of the mobile phone, and the second communication parameter comprises communication software configuration values, and

a transmitting unit configured to transmit the extracted first and second communication parameters for receipt by the communication terminal.

36. (Currently Amended) The server according to claim 34, wherein each of a plurality of networks is configured to serve a group of mobile phones, and

the extracting unit is configured to extract an access point of a network that serves the mobile phone as another ~~the~~ communication parameter that corresponds to the telephone number.

38. (Canceled)

39. (Currently Amended) The server according to claim 34[[8]], wherein the extracting unit is further configured to specify a template from among the plurality of templates that corresponds to the software identifier transmitted from the communication terminal.

42. (Currently Amended) A server for enabling a communication terminal to receive communication services via a network, the server comprising:

a storing unit operable to store a plurality of combinations of a communication parameter and an identifier of communication software included in a communication device,

a receiving unit operable to receive from the communication terminal a request for a communication parameter and an identifier indicative of a name of communication software stored in the communication terminal,

an extracting unit operable to extract, from a plurality of communication parameters stored in the storing unit, a communication parameter corresponding to the identifier received by the receiving unit, wherein the communication parameter comprises individual user specific identification information of a user of the mobile phone, and communication software configuration values, and

a transmitting unit operable to transmit the extracted communication parameter to the communication terminal, wherein the communication parameter is writeable in the communication software by the communication terminal to enable receipt of communication services by the communication terminal with the communication software via a network.

Allowable Subject Matter

5. The following is an examiner's statement of reasons for allowance:

Applicant discloses in Independent claims 27, 33, 34, and 42, setting communication parameter in information terminal. After extensive searching and analysis of prior art in light of the Applicant's claimed invention, the Examiner finds that the referenced prior art does not teach or suggest in detail the capability to request and transfer communication parameters, which are integrated within communication software for a terminal, and the initialization of communications software enabling communications over a network (i.e. an extracting unit operable to extract, from a plurality of communication parameters stored in the storing unit, a communication parameter corresponding to the identifier received by the receiving unit, wherein the communication parameter comprises individual user specific identification information of a user of the mobile phone, and communication software configuration values,) as of the invention's disclosure in combination with all the elements of each independent claim as argued by the Applicant.

So as indicated by the above statements, Applicant's arguments have been considered persuasive, in light of the claim limitations as well as the enabling portions of the specification. The dependent claims further limit the independent claims and are

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considered allowable on the same basis as the independent claims as well as for the further limitations set forth.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kyung H. Shin whose telephone number is (571) 272-3920. The examiner can normally be reached on 7:30 am - 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

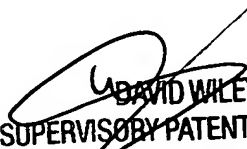
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

K H S

Kyung H Shin
Patent Examiner
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KHS
7/21/2006


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